

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1894	(375/295).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/08 11:00
L2	7644823	@pd <= "20031121"	US-PGPUB; USPAT	ADJ	ON	2009/05/08 11:00
L3	681	1 and L2	US-PGPUB; USPAT	ADJ	ON	2009/05/08 11:00
L4	14	3 AND uwb	US-PGPUB; USPAT	ADJ	ON	2009/05/08 11:01
S1	116	Hiroyuki near2 Nagasaka	US-PGPUB; USPAT	ADJ	ON	2009/05/04 15:10
S2	13	S1 and (ultra or wideband or UWB) and (filter)	US-PGPUB; USPAT	ADJ	ON	2009/05/04 15:11
S3	2	S1 and (wideband or UWB) and (filter)	US-PGPUB; USPAT	ADJ	ON	2009/05/04 15:18
S4	102	((ultra wideband) or (UWB)) and (delay) and (filter) and (adder) and (mixer)	US-PGPUB; USPAT	ADJ	ON	2009/05/04 15:21
S5	2	"20060234761"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 15:29
S6	23	avoid near5 "5 GHz"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 16:09
S7	328	delay time controller	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 16:17
S8	15	(delay time controller) near5 period\$3 near5 pulse	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 16:18
S9	12	(delay time controller) near5 period\$3 near5 pulse	US-PGPUB; USPAT	ADJ	ON	2009/05/04 16:19
S10	1	(delay near2 time near2 controller) SAME (matched near2 filter) same (adder) same (oscillator) same (mixer)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:10
S11	2	(delay near2 time) SAME (matched near2 filter) same (adder) same (oscillator) same (mixer)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:10
S12	12	(delay near2 time) SAME2 (matched near2 filter) same2 (adder) same2 (oscillator) same2 (mixer)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:12
S13	59	(matched near2 filter) same2 (adder) same2 (oscillator) same2 (mixer)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:17
S14	3	S13 and (UWB or ultra\$1wideband or ultra wideband)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:17
S15	59	((matched near2 filter) or (north near2 filter)) same2 (adder) same2 (oscillator) same2 (mixer)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/04 17:23

S16	58	((matched near2 filter) or (north near2 filter)) same2 (adder) same2 (oscillator) same2 (mixer)	US-PGPUB; USPAT	ADJ	ON	2009/05/04 17:23
S17	2	"20060234761"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 15:18
S18	18402	mixer near4 oscillator	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 15:31
S19	102	((ultra wideband) or (UWB)) and (delay) and (filter) and (adder) and (mixer)	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:33
S20	40	S18 and S19	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 15:33
S21	352	Ultra and wideband and transmit and send and delay and time and periodic and pulse and two and match\$2 and filter and logic and antenna	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:41
S22	7644823	@pd <= "20031121"	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:42
S23	57	S22 and S21	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:42
S24	3	S22 and S20	US-PGPUB; USPAT	ADJ	ON	2009/05/05 15:53
S25	63	S21 and (avoid near5 frequency)	US-PGPUB; USPAT	ADJ	ON	2009/05/05 16:25
S26	28	("4641317"   "4743906"   "4813057"   "4979186"   "5363108"   "5677927"   "5687169"   "5832035"   "5982760"   "6292519"   "6374085").PN. OR ("6571089").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/05 16:31
S27	11833	(UWB or "ultra wideband")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 18:57
S28	666	S22 and S27	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 18:57
S29	459	S28 and transmitter	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 18:57
S30	423	S28 and transmitter and receiver	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 18:57
S31	266	S22 and S27 and filter and oscill\$6	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 18:59
S32	81	S22 and S27 and filter and oscill\$6 and mixer	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/05 19:00
S33	88147	("375").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/05/05 19:02
S34	27	S33 and S32	US-PGPUB; USPAT	ADJ	ON	2009/05/05 19:02

S35	0	S27 and (avoid or "not inter\$5" or "come across") near4 certain near4 frequency near4 (crowed or "often use \$2")	US-PGPUB; USPAT	ADJ	ON	2009/05/05 19:18
S36	851	(matched filters) and (adder) and (oscillator) and (antenna)	US-PGPUB; USPAT	ADJ	ON	2009/05/06 12:08
S37	7644823	@pd <= "20031121"	US-PGPUB; USPAT	ADJ	ON	2009/05/06 12:09
S38	415	S36 and S37	US-PGPUB; USPAT	ADJ	ON	2009/05/06 12:09
S39	11833	(UWB or "ultra wideband")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/05/06 12:09
S40	5	S38 and S39	US-PGPUB; USPAT	ADJ	ON	2009/05/06 12:09
S41	12	delay time controller and matched filter and adder and amplifier	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:05
S42	11	delay time controller and matched filter and adder and amplifier and oscillator	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:07
S43	2	("20060234761"   "20070104258").PN. OR ("7359425").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 14:08
S44	2	("20060234761"   "20070104258").PN. OR ("7359425").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 14:18
S45	5321	(375/130,143,146,147,343).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/06 14:23
S46	1987	(455/552.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/06 14:23
S47	7303	S46 or S45	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:24
S48	2858	S37 and S47	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:24
S49	224177	oscillator	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:24
S50	950	S48 and S49	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:24
S51	19	S39 and S50	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:24
S52	477	S47 and S39	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:26
S53	1	delay time controller and matched filter and adder and amplifier and local oscillator	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:44
S54	12	delay time controller and matched filter and adder	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:44
S55	1	"20070104258"	US-PGPUB; USPAT	ADJ	ON	2009/05/06 14:54
S56	1	"20060234761"	US-PGPUB; USPAT	ADJ	ON	2009/05/06 15:40
S57	0	delay time controller and matched filter and adder and amplifier and up converter	US-PGPUB; USPAT	ADJ	ON	2009/05/06 16:05
S58	12	(ultra near wideband) same transmitter same ((first) near ((match\$3 near filter) or (correlat\$3)))	US-PGPUB; USPAT	ADJ	ON	2009/05/06 18:39

S69	1	"2002338204"	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/06 18:41
S60	4	"2002-262680"	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/06 18:42
S61	6	2004/0087291	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/06 18:43
S62	12	(ultra near wideband) same transmitter same ((first) near ((match\$3 near filter or (correlat\$3)))	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/07 09:20
S63	1	("7260369").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:09
S65	1	("7428258").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:10
S66	1	("7298317").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:10
S67	1	("7352806").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/07 10:10
S69	4	S63 or S65 or S66 or S67	US-PGPUB; USPAT	ADJ	ON	2009/05/07 10:11
S72	1630	(first) near4 ((match\$4 or north) adj2 filter\$2)	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/07 14:32
S73	31	(second) near4 (((match\$4 or north) adj3 filter\$2) correlat\$4)	US-PGPUB; USPAT; JPO	ADJ	ON	2009/05/07 14:34
S74	24064	(second) near4 (((match\$4 or north) adj3 filter\$2) correlat\$4)	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:35
S75	1630	(first) near4 ((match\$4 or north) adj2 filter\$2)	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:35
S76	5618	(third) near4 (((match\$4 north) adj3 filter\$2) correlat\$4)	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:36
S77	348	S76 and S75 and S74	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:37
S78	277	S77 and "375"/\$.cls.	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:37
S79	161	S78 and @pd<="20031121"	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:38
S80	41	S79 and oscillator and mixer	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:39
S81	0	S80 and uwb	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:40
S82	13	S77 and uwb	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:40
S83	12	S78 and uwb	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:41
S84	13	S82 or S83	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 14:41
S85	285	adder with mixer with signal with oscillator	US-PGPUB; USPAT	ADJ	ON	2009/05/07 17:33
S86	3	S85 and uwb	US-PGPUB; USPAT	ADJ	ON	2009/05/07 17:33
S87	92	S85 and "375"/\$.cls.	US-PGPUB; USPAT; JPO	OR	ON	2009/05/07 17:35

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